



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 01-1663-A)

In re Application of:)
James J. Storhoff, et al.)
Serial No.: 10/612,422) Group Art Unit: 1645
Filed: July 02, 2003) Examiner: TBA
For: NANOPARTICLE POLYANION)
CONJUGATES AND METHODS OF USE)
THEREOF IN DETECTING ANALYTES)

TRANSMITTAL LETTER

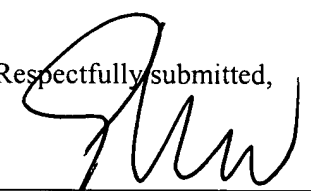
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

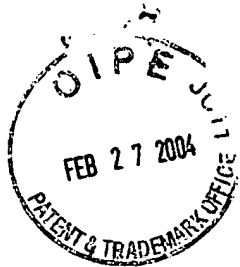
- In regard to the above identified application.
1. We are transmitting herewith the attached:
 - a) Supplemental Information Disclosure Statement (2 pages)
 - b) U.S. PTO 1449 Form (3 pages)
 - c) Copies of 49 cited references
 - d) Return Receipt Postcard
 2. With respect to fees:
 - a) No check is attached.
 - b) **General Authorization:** Please charge any underpayment or credit any overpayment our Deposit Account, No. 13-2490.
 3. **CERTIFICATE OF MAILING UNDER 37 CFR § 1.8:** The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 25 day of February, 2004.

Date: February 25, 2004

Respectfully submitted,



Emily Miao
Registration No. 35,285



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 01-1633-A)

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OF USE THEREOF IN DETECTING)
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In order to comply with discretionary regulations 37 CFR §§1.97 and 1.98, attached hereto is Form PTO-1449, copies¹ of the documents listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to allow the present application to issue as a patent.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history

¹To the extent that a document is listed and no copy of same is attached, then such document is not at the present time available to the undersigned or is available in the file of a parent application. If a listed document is not in the English language and an English translation is readily available, such translation is also attached; if translation is not attached it is not readily available to the undersigned. If a foreign language patent document is cited, and an English language equivalent is known to the undersigned, then such equivalent patent is also cited on the attached form along with the corresponding foreign language patent and a connecting arrow indicated therebetween; if no such English language equivalent is cited, then none is known to undersigned.

of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

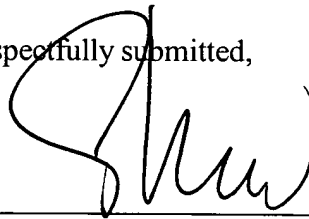
The present Disclosure Statement is being submitted in compliance with 37 CFR 1.56 insofar as an Examiner might consider any of the cited documents important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner, in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104(a) and 1.106(b) and, in the course of each search, will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is earnestly solicited.

Dated: February 25, 2004

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Respectfully submitted,



Emily Miao
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FORM PTO-1449
(Rev. 2-32)U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

01-1633-A

Serial No.

10/612,422

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant:

James H. Storhoff, et al.

Filing Date:

July 02, 2003

Group:

1645

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	5,472,881	12/05/1995	Beebe et al.			
	2.	4,996,143	02/26/1991	Heller et al.			
	3.	6,214,560	04/10/2001	Yguerabide et al.			
	4.	6,361,944	03/26/2002	Mirkin et al.			
	5.	6,506,564	01/14/2003	Mirkin et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	No
	6.	WO 98/04740	02/05/1998	PCT				
	7.	WO 98/21587	05/22/1998	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

	8.	Ahmadi, T.S. et al., <i>Science</i> , 272, 1924 (1996)
	9.	Bahnemann, in <i>Photochemical Conversion and Storage of Solar Energy</i> (eds. Pelizetti and Schiavello 1991), page 251
	10.	Bassell, et al., <i>J. Cell Biol.</i> , 126, 863-876 (1994)
	11.	Bottomley et al., <i>J. Vac. Sci. Technol. A</i> , 10, 591 (1992)
	12.	Braun et al., <i>Nature</i> , 391, 775 (1998)
	13.	Braun-Howland et al., <i>Biotechniques</i> , 13, 928-931 (1992)

EXAMINER

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

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14.	Brousseau et al., J. Am. Chem. Soc., 120: 7645 (1998)
15.	Brus, <i>Appl. Phys. A.</i> , 53, 465 (1991)
16.	Burwell, <i>Chemical Technology</i> , 4, 370-377 (1974)
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28.	Letsinger, R. L.; Elghanian, R.; Viswanadham, G.; Mirkin, C. A. <i>Bioconjugate Chemistry</i> 2000, 11, 289-291
29.	Massart, R., <i>IEEE Transactions On Magnetism</i> , 17, 1247 (1981)
30.	Matteucci and Caruthers, <i>J. Am. Chem. Soc.</i> , 103, 3185-3191 (1981)
31.	Mirkin et al., <i>Nature</i> , 382: 607 (1996)
32.	Mirkin et al., U.S. Patent Application No. 09/927,777 filed August 10, 2001
33.	Mirkin et al., U.S. Patent Application No. 09/760,500 filed January 12, 2001

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34.	Mirkin et al., U.S. Patent Application No. 09/344,667 filed June 25, 1999
35.	Mirkin et al., U.S. Patent Application No. 09/603,830 filed June 26, 2000
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37.	Mirkin et al., PCT Patent Application No. PCT/US00/17507 filed June 26, 2000
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48.	Zhu et al., J. Am. Chem. Soc., 119: 235 (1997)
49.	Zimmermann and Cox, Nucleic Acids Res., 22, 492 (1994)

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